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\* Admitted in TX only  
\*\* Admitted in CT only

February 27, 2003

**U.S. Patent and Trademark Office  
P. O. Box 2327  
Arlington, VA 22202**

Re: U.S. Patent Application Serial No. 09/662,478  
Applicants: Patrick J. Venta et al.  
Filed: September 15, 2000  
Title: *DNA ENCODING CANINE VON WILLEBRAND  
FACTOR AND METHODS OF USE*  
Our Ref. No.: UMV-1226CPPCUS

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response to Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (2 pages);
2. Transmittal Letter for Diskette Containing Substitute Sequence Listing (1 page);
3. Statement Regarding Substitute Sequence Listing (1 page);
4. Diskette Containing Computer Readable Form of Substitute Sequence Listing;
5. Paper Copy of Substitute Sequence Listing (pages 1-17);
6. Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (2 pages); and
7. Prepaid acknowledgment postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. *A duplicate of this sheet is enclosed.*


Certificate of First Class Mailing (37 C.F.R. §1.8(a))

22202

February 27, 2003

U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202

LAHIVE & COCKFIELD, L.L.P.

By:   
De Ann F. Smith, Esq.  
Attorney-in-Fact



# 19185

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Patrick J. Venta et al.

Group Art Unit: 1652

Serial No.: 09/662,478

Examiner: not yet assigned

Filed: September 15, 2000

For: *DNA ENCODING CANINE VON  
WILLEBRAND FACTOR AND METHODS OF USE*

Attorney Docket No.: UMV-1226CPPCUS

**U. S. Patent and Trademark Office**

**P. O. Box 2327**

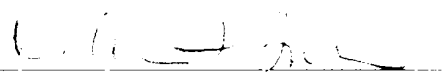
**Arlington, VA 22202**

**Certificate of First Class Mailing (37 CFR 1.8(a))**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202 on the date set forth below.

February 27, 2003  
Date of Signature and of Mail Deposit

By:

  
DeAnn F. Smith, Esq.  
Registration No. 36,683  
Attorney for Applicants

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE  
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Dear Sir:

In response to the Notice to Comply with Requirements for Patent Applications  
Containing Nucleotide Sequence and or Amino Acid Sequence Disclosures, mailed from the

enclosed is a paper copy of the substitute Sequence Listing and a statement that the content of the

Sequence Listing is a true and accurate copy of the Sequence Listing as it appears in the Sequence Listing

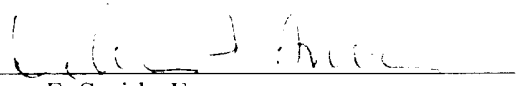
Sequence Listing is a true and accurate copy of the Sequence Listing as it appears in the Sequence Listing

for Patent Applications Containing Nucleotide and/or Amino Acid Sequence Disclosures is also enclosed herewith.

Immediately after the Abstract, please insert the hard (paper) copy of the substitute Sequence Listing, numbered pages 1-17, submitted herewith. No new matter has been added.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

  
DeAnn F. Smith, Esq.  
Registration No. 36,683  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
Tel. (617) 227-7400

Dated: **February 27, 2003**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Patrick J. Venta et al.

Serial No.: 09/662,478

Filed: September 15, 2000

For: *DNA ENCODING CANINE VON  
WILLEBRAND FACTOR AND METHODS OF USE*

Attorney Docket No.: UMV-1226CPPCUS

Group Art Unit: 1652

Examiner: not yet assigned

**U. S. Patent and Trademark Office**

**P. O. Box 2327**

**Arlington, VA 22202**

**TRANSMITTAL LETTER FOR DISKETTE CONTAINING SEQUENCE LISTING**

Dear Sir:

Enclosed is a diskette which contains a computer readable form of the Sequence Listing for the patent application filed herewith. The Sequence Listing complies with the requirements of 37 C.F.R. § 1.821. The material on this diskette is identical in substance to the sequence listing appearing on pages 1-17 of the Sequence Listing which is submitted herewith, as required by 37 C.F.R. § 1.821(f). The computer readable form of the sequence listing contained on the enclosed diskette is understood to comply with the requirements of § 1.824(d).

**Certificate of First Class Mailing (37 C.F.R. §1.8(a))**

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: U.S. Patent and Trademark Office, P. O. Box 2327, Arlington, VA 22202 on:

LAHIVE & COCKFIELD, LLP  
Attorneys at Law

By: \_\_\_\_\_

DeAnn E. Smith, Esq.

UNITED STATES  
PATENT AND  
TRADEMARK OFFICECommissioner for Patents  
Washington, DC 20231  
www.uspto.gov

APPLICATION NUMBER	FILING RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/662,478	09/15/2000	Patrick J. Venta	UMV-1226CPPCUS

CONFIRMATION NO. 3602

959  
LAHIVE & COCKFIELD  
28 STATE STREET  
BOSTON, MA 02109

## FORMALITIES LETTER



\*OC000000009324678\*

Date Mailed: 01/03/2003

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES***Filing Date Granted*

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d). Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

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